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RECORDATION

(Rev. 6/93)

OMB No. 0651-0011 (exp. 4/94)

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original documents or copy thereof.

1. Name of conveying party(ies):

Alexandre PAUCHARD  
Yu-Hwa LO

12/6/00

Additional name(s) of conveying party(ies) attached? ( ) Yes (x) No

3. Nature of conveyance:

- (x) Assignment ( ) Merger  
( ) Security Agreement ( ) Change of Name  
( ) Other

Execution Date: November 20, 2000 & November 27, 2000

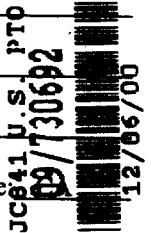
2. Name and address of receiving party(ies)

Name: Nova Crystals, Inc.

Internal Address: \_\_\_\_\_

Street Address: 174 Components DriveCity: San Jose, State: CAZip: 95131

Additional name(s) &amp; address(es) attached? ( ) Yes (x) No



4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 6, 2000

A. Patent Application No.(s):

B. Patent No.(s)

9/730692

Additional numbers attached? ( ) Yes (x) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Wolfgang Stutius at Customer Number 25181Internal Address: Patent GroupFoley, Hoag & Eliot LLPStreet Address: One Post Office SquareCity: Boston State: MAZip: 02109

6. Total number of Applications and patents involved: ( 1 )

7. Total fee (37 CFR 3.41).....\$40.00

- (x) Enclosed  
( ) Authorized to be charged to deposit account

8. Deposit account number:

06-1448

(Attached duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Wolfgang Stutius  
Wolfgang Stutius, Reg. No. 40,256

December 6, 2000  
Date

Total number of pages including cover sheet, attachments, and document: ( 2 )  
Mail documents to be recorded with required covered sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, DC 20231

## ASSIGNMENT

WHEREAS, each of the Undersigned has developed certain inventions described in U.S. patent application titled *PLANAR HETERO-INTERFACE PHOTODETECTOR* (X) executed on even date herewith; ( ) executed on \_\_\_\_\_; ( ) now U.S. Application No. \_\_\_\_/\_\_\_\_ filed \_\_\_\_\_; and has full right to convey their entire interest, both legal and equitable, in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

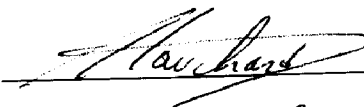
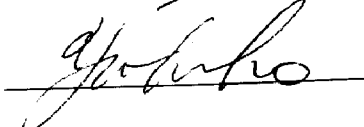
WHEREAS, NOVA CRYSTALS, Inc. ("ASSIGNEE"), a California corporation having executive offices at 174 Components Drive, San Jose, CA 95131, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of the sum of One Dollars (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each of the Undersigned, each of the Undersigned hereby sells, assigns and transfers unto said ASSIGNEE, its successors and assigns, their entire right, title and interest in and to said invention or inventions, as described in the aforesaid application and all applications resulting therefrom, including any and all divisions, continuations, continuations in part, substitute applications, and reissues or extensions thereof; and all resulting patents.

AND each of the Undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; the Undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND, each of the Undersigned further agrees, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to generally do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

Each of the undersigned hereby authorizes Foley, Hoag & Elliot, of One Post Office Square, Boston, MA 02109, to insert hereon any further identification information necessary or desirable for recordation of this document.

<u>Inventor(s)</u>	<u>Date Signed</u>	<u>Witness(es)</u>
1. <u>Alexandre PAUCHARD</u> Name:	<u>11/20/00</u>	<u></u>
2. <u>Yu-Hwa LO</u> Name:	<u>11/27/00</u>	<u></u>